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12.

17. l

A preliminary amendment.

A substitute specification.

An Application Data Sheet under 37 CFR 1.76.

A power of attorney and/or change of address letter.

ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES APA-PT007 DESIGNATED/ELECTED OFFICE (DO/EO/US) U.S. APPLICATION NO. (If known, see 37 CFR 1.5) **CONCERNING A SUBMISSION UNDER 35 U.S.C. 371** 10/538,131 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/BR2003/000174 November 26, 2003 December 5, 2002 TITLE OF INVENTION A PROCESS FOR OBTAINING A CELLULOSIC WET SHEET AND MEMBRANE. THE EQUIPMENT USED TO OBTAIN THE MEMBRANE AND THE MEMBRANE OBTAINED APPLICANT(S) FOR DO/EO/US Levy et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. [X] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete. including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

, PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007.
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/538,131		INTERNATIONAL AI PCT/BR2003/000174	TIONAL APPLICATION NO. ATTORNEY'S DOCKET NUMBER 3/000174 APA-PT007		KET NUMBÉR	
						<u> </u>
Power of Att	turn Receipt Po	mer Number 36 ostcard; Copy o	24 appears in Declara f Notification of Missir ification of Missing Re	ng Requirements l		
The fol	lowing fees have b	een submitted			CALCULATIONS	PTO USE ONLY
21. 🔲 Bas	ic national fee (37	CFR 1.492(a))		\$300	\$	
22. Exar	mination fee (37 Cl					
by IPEA	nion prepared by IS /US indicates all cl	\$				
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority					\$	
	TOTAL OF 21, 22	2 and 23 =			0	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						
Total Sheets	Extra Sheets		dditional 50 or fraction to a whole number)	RATE		
- 100 =	/50 =			x \$250	\$	l .
Surcharge of \$1: after the date of	30.00 for furnishing commencement of	g any of the search the national stage	fee, examination fee, or the (37 CFR 1.492(h)).	e oath or declaration	\$ 130	
CLAIMS	NUMB	ER FILED	NUMBER EXTRA	RATE	\$	
Total claims		- 20 =		x \$50	\$	
Independent clai	ims	- 3 =		x \$200	\$	
MULTIPLE DEP	ENDENT CLAIM(S	\$				
				CALCULATIONS =	\$ 130	
Applicant cla	aims small entity st	atus. See 37 CFR	1.27. Fees above are redu	ced by 1/2.		
				SUBTOTAL =	\$ 65	<u> </u>
	of \$130.00 for furnis date (37 CFR 1.492		anslation later than 30 mon	ths from the earliest +	\$	
TOTAL NATIONAL FEE =			\$ 65			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$			
TOTAL FEES ENCLOSED =					\$ 65	
					Amount to be refunded:	\$
					Amount to be	\$

02/02/2006 ATRAN1

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PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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a. 🔲	A check in the amount of \$ to cover the about	ve fees is enclosed.						
ь. 🗌	Please charge my Deposit Account No in the amount of \$ A duplicate copy of this sheet is enclosed.	to cover the above fees.						
c. 🔀	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>22-0493</u> . A duplicate copy of this sheet is enclosed.							
d. X	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.							
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.								
USPTO Volpe United 30 Sou	ALL CORRESPONDENCE TO: O Customer Number 3624 and Koenig, P.C. d Plaza, Suite 1600 uth 17th Street lelphia, PA 19103	SIGNATURE Robert J. Ballarini NAME 48,684 REGISTRATION NUMBER						

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Levy et al.

Application No.: 10/538,131

Confirmation No.:

Filed: Not Yet Known

For: A PROCESS FOR OBTAINING A

CELLULOSIC WE SHEET AND A MEMBRANE, THE EQUIPMENT USED TO OBTAIN THE MEMBRANE AND

THE MEMBRANE OBTAINED

Group: 1623

Examiner: Not Yet Known

Our File: APA-PT007

Date: January 30, 2006

COMMUNICATION IN RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 USC §371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In response to the Notice Of Missing Requirements Under 35 USC §371 in the United States Designated/Elected Office mailed from the Office on January 18, 2006, the following are enclosed:

Copy of Notice Of Missing Requirements Under 35 USC
 §371 in the United States Designated/Elected Office;

Applicant: Levy et al. Application No.:10/538,131

- 2. Fully executed Declaration and Power of Attorney to Customer No. 3624;
- 3. Payment of the surcharge fee of \$65.00 (Form PTO-2038) for a small entity; and
- 4. Supplemental Information Disclosure Statement.

Early consideration and allowance of the claims are respectfully requested.

Respectfully submitted,

Levy et al.

Robert J. Ballarini

Registration No. 48,684

(215) 568-6400

Volpe and Koenig, P.C. United Plaza, Suite 1600 30 South 17th Street Philadelphia, PA 19103

RJB/pp

Enclosures (4)



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Viginia 22313-1450

OC000000017861398

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATT	ATTY. DOCKET NO.	
10/538,131	Edna Cristina Kurokawa	A	APA-PT007	
	RECEIVED	INTERNATIONAL APPLICATION NO.		
3624	AM/PM—	PCT/BR03/00174		
VOLPE AND KOENIG, P.C.	Minit in:	I.A. FILING DATE	PRIORITY DATE	
UNITED PLAZA, SUITE 1600 30 SOUTH 17TH STREET	J N 24 2003	11/26/2003	12/05/2002	
PHILADELPHIA, PA 19103	37	CONFIRM	ATION NO. 1349	
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Date Mailed: 01/18/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/06/2005
- Copy of the International Search Report filed on 06/06/2005
- Copy of IPE Report filed on 06/06/2005
- Preliminary Amendments filed on 06/06/2005
- Information Disclosure Statements filed on 06/06/2005
- Small Entity Statement filed on 06/06/2005
- U.S. Basic National Fees filed on 06/06/2005
- Priority Documents filed on 06/06/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath
 or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27,
 must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

WUCKETED FOR 3/18/06- Resp. To missing Require Due (DL: 7/18/06)

WE



ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

PATRICIA A BOOKER

Telephone: (703) 308-9140 EXT 204

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.	
10/538,131	PCT/BR03/00174	APA-PT007	

FORM PCT/DO/EO/905 (371 Formalities Notice)